



8TH INTERNATIONAL GRAZ SYMPOSIUM ON LIPID AND MEMBRANE BIOLOGY
APRIL 21-23, 2022 GRAZ, AUSTRIA

PROGRAM

Conference Venue: Medical University of Graz, Aula, Neue Stiftingtalstrasse 6, 8010 Graz



THURSDAY, April 21, 2022

12 ¹⁵ - 12 ³⁰	Registration and Mounting of Posters	
12 ³⁰ - 12 ⁴⁵	Opening of the Scientific Symposium	
Session 1a	Chair: Dagmar Kratky	
12 ⁴⁵ - 13 ³⁰	Plenary Lecture 1	Richard LEHNER , Edmonton, Canada Deletion of arylacetamide deacetylase (AADAC) reduces hepatic triacylglycerol and cholesteryl ester turnover and accelerates steatosis?
		
13 ³⁰ - 14 ¹⁵	Plenary Lecture 2	Erin KERSHAW , Pittsburgh, USA A novel transcriptional regulator linked to energy and metabolic homeostasis in humans
14 ¹⁵ - 14 ³⁵	Short Talk 1	Gabriel CHALHOUB The role of Carboxylesterase 2 proteins in lipid hydrolysis
14 ³⁵ - 15 ⁰⁵	<i>Coffee Break</i>	
Session 1b	Chair: Guenter Haemmerle	
15 ⁰⁵ - 15 ⁵⁰	Plenary Lecture 3	Rosalind COLEMAN , Chapel Hill, USA Lipid Droplets and the Compartmentalization of Lipid Metabolism
15 ⁵⁰ - 16 ¹⁰	Short Talk 2	Peter HOFER Towards a mathematical model of intracellular, neutral lipolysis
16 ¹⁰ - 16 ³⁰	Short Talk 3	Margarita SCHRATTER PNPLA1 is a triacylglycerol estolide hydrolase/transacylase involved in omega-O-acylceramide biosynthesis
16 ³⁰ - 17 ⁰⁰	<i>Coffee Break</i>	
Session 1c	Chair: Rudolf Zechner	
17 ⁰⁰ - 18 ⁰⁰	Keynote Lecture 2022 	Jeffrey FRIEDMAN , New York, USA Leptin and the regulation of food intake and the body weight

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FRIDAY, APRIL 22, 2022

Session 2a		Chair: Ruth Birner-Gruenberger and Michael Trauner
09 ⁰⁰ - 09 ⁴⁵	Plenary Lecture 4	Stefano ROMEO , Gothenburg, Sweden PSD3 as a promising therapeutic target to treat fatty liver disease
09 ⁴⁵ - 10 ³⁰	Plenary Lecture 5	Judith STORCH , New Brunswick, USA Intracellular cholesterol trafficking by NPC proteins
10 ³⁰ - 11 ⁰⁰	<i>Coffee Break</i>	
11 ⁰⁰ - 11 ⁴⁵	Plenary Lecture 6	Martin KLINGENSPOR , Munich, Germany Prandial secretin-mediated thermogenesis in brown fat controls food intake
		
11 ⁴⁵ - 12 ⁰⁵	Short Talk 4	Isabella POTOTSCHNIG Mechanisms of adipose tissue atrophy in cancer cachexia
12 ⁰⁵ - 12 ²⁵	Short Talk 5	Isabel REINISCH P53 shapes adipose tissue immune cell infiltration upon intermittent fasting in obese mice
12 ²⁵ - 14 ²⁰	<i>Lunch</i>	Poster Session
Session 2b		Chair: Ulrike Taschler and Robert Zimmermann
14 ²⁰ - 15 ⁰⁵	Plenary Lecture 7	Grant Mitchell , Montreal, Canada Lipolysis and biochemical genetics; a clinical perspective
15 ⁰⁵ - 15 ²⁵	Short Talk 6	Dominik BULFON Bis(monoacylglycerol)phosphate protects from cationic amphiphilic drug - induced cytotoxicity
15 ²⁵ - 15 ⁴⁵	Short Talk 7	Manu Manjunath KANTI Adipose triglyceride lipase mediated lipid catabolism is essential for bronchiolar regeneration
15 ⁴⁵ - 16 ¹⁵	<i>Coffee Break</i>	
16 ¹⁵ - 16 ³⁵	Short Talk 8	Anne GEMMINK Functional ATGL is important for maintaining mitochondrial network integrity and respiration in human primary myotubes
16 ³⁵ - 17 ²⁰	Plenary Lecture 8	Dominique LANGIN , Toulouse, France Hormone-sensitive lipase a central integrator of adipocyte metabolism
		



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17²⁰ - 18⁰⁵ Plenary Lecture 9 **Alison KOHAN**, Pittsburg, USA
 ApoC-III's inhibition of LDLr: if it's good for the heart, is it good for the gut?

18³⁰ **Conference Dinner** Departure by bus (meeting point: AULA)

SATURDAY, APRIL 23, 2022

Session 3		Chair: Monika Oberer and Renate Schreiber
09 ⁰⁰ - 09 ⁴⁵	Plenary Lecture 10	Ulrich KINTSCHER , Berlin, Germany The role of cytosolic lipolysis in cardiac function and heart failure
09 ⁴⁵ - 10 ⁰⁵	Short Talk 9	Ivan BRADIĆ Off-target effects of the lysosomal acid lipase inhibitors Lalistat-1 and Lalistat-2 on neutral lipid hydrolases
10 ⁰⁵ - 10 ²⁵	Short Talk 10	Gernot GRABNER Small molecule inhibitors targeting lipolysis in human adipocytes
10 ²⁵ - 10 ⁵⁰	<i>Coffee Break</i>	
10 ⁵⁰ - 11 ³⁵	Plenary Lecture 11	Sander KERSTEN , Wageningen, The Netherlands Regulated inhibition of extracellular and intracellular lipolysis
		
11 ³⁵ - 12 ²⁰	Plenary Lecture 12	Michael PLOUG , Copenhagen, Denmark Intrinsically disordered regions and low protein stability drives regulation and compartmentalization of LPL activity
		
12 ²⁰ - 12 ³⁰	Best Poster Awards Best Short Talk Award	
Closing of Symposium		
12 ³⁰ - 13 ³⁰	<i>Lunch</i>	Take down of Posters
Social Program		
afternoon	Styrian Armoury	Guided tour from 3 to 4 p.m.

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